

THERMOSTAT

SSE-TH-001 Smart hydronic heating thermostat

Featuring:



- Radiant Floor Heating
- Pulse Width Modulation
- Floor Temperature Control
- Floor Temperature Display
- Backlight
- Included Floor Sensor

ALL ON ONE SCREEN

No confusing hidden sub menus.

The display shows the target and current floor temperatures.
and if the thermostat is calling for heat.

Model	SSE-TH-001
Packaged Weight	0.97lb (440g)
Dimensions	136 x 94 x 26mm
Enclosure	White PVC Plastic
Ambient Conditions	Indoor use only, 32 to 122°F, RH<90% non condensing.
Power	24V AC, 50/60HZ, 1.8va Standby, 56VA max fully loaded, Class 2
Relay	30V 2A, Class 2 circuits
Sensor	NTC Thermistor, 10kΩ@77°F β=3950
Operating Range	-58 to 140°F
Control	Microprocessor
Application	Floor Heating - Single Zone Heat Only
Connectivity	802.11 b/g/n
Security	WPA/WPA2
Warranty	Limited 2 Year

Electronic Controls

No.	Parameter	Setting Range	Default	Note
000	Temperature Calibration	-5 to +5 °C or -10 to +10°F	0	Offset
001	Backlight	0 or 1	0	0: OFF 1: ON
002	Celsius/ Fahrenheit	0 or 1	1	0: °C 1: °F
003	Key Volume	0 or 1	1	0: Mute 1: ON
004	Thermostat ON or OFF after power loss	0, 1 or 2	0	0: OFF 1: ON 2: Last State
005	Version No	10	10	Firmware Version
006	Factory Reset	0~255	52	To reset change to 55 and press V



The SSE-TH-001 Smart hydronic heating thermostat with an external temperature sensor featuring a 4.3" touch sensitive and user-friendly LCD display.

Operating Instructions

- ON/OFF/Adjust Settings

1. When the thermostat is powered on, it displays the default information. Press again to toggle it off.
2. To access the configuration menu, ensure the thermostat is set to "off". Hold the down arrow, until the settings are accessed. Tap the power button to scroll through the menu. Use up and down arrows to adjust the settings.

- Temperature Setting

While in default display mode, press ∇ or \wedge to set the target floor temperature.

After adjusting the temperature, the thermostat will automatically save the setting in 3 seconds if no other buttons are pressed.

The temperature range is adjustable from 5~60 °C (41-140°F).

- Display Room Humidity

Press M to toggle between displaying the humidity and the floor temperature.

- Call for Heat

1. When the floor's temperature drops 1/2°F lower than the preset temperature, the thermostat will call for heat and the display will show: Heat on.

2. When the floor's temperature is 1/2°F higher than the preset temperature, the thermostat will stop calling for heat and the display will change to: Heat off

Wiring Diagram

